

cleaning sheets attached thereto. The cleaning sheets 352 may be constructed in accordance with any embodiment of the present invention. For example, each sheet may be a single layer of cleaning material, or may include a backing layer. The sheets may be pretreated with cleaning solution or with a tackifier, or may be naturally tacky. The leading and trailing edges may be adhesively coated to additionally gather debris. Perforations 370 may be provided for releasing the outermost soiled sheet, or weakened areas may be provided, or the sheets may be adhesively interconnected such that the outer sheet may be peeled away. It should be noted that the mop head 354 with the cleaning sheets 352 may be used as a cleaning implement without the remainder of the mop 350.

DRAWING AMENDMENTS

A marked-up sheet of drawings is enclosed herewith. Reference sign 306 has been added.

CLAIM AMENDMENTS

1. (Currently Amended) A refill for a mop of the type having a mop head with a lower surface and an opposed upper surface interconnected by a leading and a trailing edge, the mop head having gripping means provided on the upper surface for retaining a cleaning sheet on the mop head, the refill comprising:

a base layer having a front edge and an opposed rear edge with a midportion therebetween, the base layer configured to be wrapped about the mop head with the midportion adjacent the lower surface of the mop head and the front and rear edges wrapping onto the upper surface of the mop head so as to be retained by the gripping means; and

a plurality of cleaning sheets, each removably supported on the midportion of the base layer in a stacked configuration, each of the sheets having an outward face for cleaning and an opposed inward face, the outward face of each of the sheets configured for contacting a surface to be cleaned and thereby becoming soiled, whereby when the outward face of the outermost sheet becomes soiled, the sheet may be peeled away to exposed a non-soiled sheet;

each of the cleaning sheets having a front edge portion and a rear edge portion with a midportion therebetween, the edge portions being disposed at least partially on the upper

surface of the mop head when the refill is disposed thereon, the front edge portions of each of the cleaning sheets being bonded to each other and the rear edge portions of each of the cleaning sheets being bonded to each other to hold the cleaning sheets in the stacked configuration, the midportions of the cleaning sheets not being bonded to one another.

2. (Original) The refill according to claim 1, wherein the gripping means on the mop head comprises tabs, the base layer having a front margin extending between the front edge and the midportion and a rear margin extending between the rear edge and the midportion, openings defined in the front and rear margins for receiving the tabs such that the refill is retained on the mop head.

3. (Original) The refill according to claim 1, wherein the cleaning sheets each are formed of a non-woven material.

4. (Currently Amended) The refill according to claim 1, wherein the ~~cleaning sheets are held in the stacked configuration by~~ edge portions are bonded to each other with a releasable adhesive.

5. (Currently Amended) ~~The refill according to claim 1, wherein~~
A refill for a mop of the type having a mop head with a lower surface and an opposed upper surface interconnected by a leading and a trailing edge, the mop head having gripping means provided on the upper surface for retaining a cleaning sheet on the mop head, the refill comprising:

a base layer having a front edge and an opposed rear edge with a midportion therebetween, the base layer configured to be wrapped about the mop head with the midportion adjacent the lower surface of the mop head and the front and rear edges wrapping onto the upper surface of the mop head so as to be retained by the gripping means; and

a plurality of cleaning sheets, each removably supported on the midportion of the base layer in a stacked configuration, each of the sheets having an outward face for cleaning and an opposed inward face, the outward face of each of the sheets configured for contacting a

surface to be cleaned and thereby becoming soiled, whereby when the outward face of the outermost sheet becomes soiled, the sheet may be peeled away to exposed a non-soiled sheet;
the cleaning sheets ~~are~~ being held in the stacked configuration by having portions of each of the cleaning sheets sonically welded to portions of other of the cleaning sheets or the base layer.

6. (Original) The refill according to claim 1, wherein the base layer comprises a plastic sheet.

7. (Original) The refill according to claim 1, wherein the base layer comprises a sheet of non-woven material.

8. (Cancelled)

9. (Original) The refill according to claim 1, wherein the cleaning sheets are coextensive with the base layer.

10. (Original) The refill according to claim 1, wherein the cleaning sheets are sized such that the cleaning sheets wrap around the leading and trailing edges of the mop head when the refill is disposed thereon, but the cleaning sheets do not extend to the front and rear edges of the base layer.

11. (Cancelled)

12. (Currently Amended) ~~The refill according to claim 11, wherein~~ A refill for a mop of the type having a mop head with a lower surface and an opposed upper surface interconnected by a leading and a trailing edge, the mop head having gripping means provided on the upper surface for retaining a cleaning sheet on the mop head, the refill comprising:

a base layer having a front edge and an opposed rear edge with a midportion therebetween, the base layer configured to be wrapped about the mop head with the

midportion adjacent the lower surface of the mop head and the front and rear edges wrapping onto the upper surface of the mop head so as to be retained by the gripping means; and
a plurality of cleaning sheets coextensive with the base layer, each removably supported on the midportion of the base layer in a stacked configuration;

each of the cleaning sheets having an outward face for cleaning and an opposed inward face, the outward face of each of the sheets configured for contacting a surface to be cleaned and thereby becoming soiled, whereby when the outward face of the outermost sheet becomes soiled, the sheet may be peeled away to exposed a non-soiled sheet;

each of the cleaning sheets having a front edge portion and a rear edge portion that are disposed at least partially on the upper surface of the mop head when the refill is disposed thereon, the front edge portions of each of the cleaning sheets being bonded to each other and the rear edge portions of each of the cleaning sheets being bonded to each other to hold the cleaning sheets in the stacked configuration; and

each of the cleaning sheets ~~comprises~~ comprising a layer of non-woven material, the bonded front and rear edge portions comprising the non-woven material being compressed and heat or sonically bonded such that the overall thickness of the edge portions of the stack of cleaning sheets is substantially reduced in comparison to the overall thickness of the stack of cleaning sheets adjacent the midportion of the base layer.

13. (Original) The refill according to claim 12, wherein each of the non-woven cleaning sheets is perforated adjacent the front and rear edge portions such that an outermost sheet may be peeled away by separating the sheet at the perforations.

14. (Original) The refill according to claim 12, wherein each of the non-woven cleaning sheets has a weakened area adjacent the front and rear edge portions such that an outermost sheet may be peeled away by separating the sheet at the weakened areas.

15. (Currently Amended) ~~The refill according to claim 11, wherein~~

A refill for a mop of the type having a mop head with a lower surface and an opposed upper surface interconnected by a leading and a trailing edge, the mop head having gripping means provided on the upper surface for retaining a cleaning sheet on the mop head, the refill comprising:

a base layer having a front edge and an opposed rear edge with a midportion therebetween, the base layer configured to be wrapped about the mop head with the midportion adjacent the lower surface of the mop head and the front and rear edges wrapping onto the upper surface of the mop head so as to be retained by the gripping means; and

a plurality of cleaning sheets coextensive with the base layer, each removably supported on the midportion of the base layer in a stacked configuration;

each of the cleaning sheets having an outward face for cleaning and an opposed inward face, the outward face of each of the sheets configured for contacting a surface to be cleaned and thereby becoming soiled, whereby when the outward face of the outermost sheet becomes soiled, the sheet may be peeled away to exposed a non-soiled sheet;

each of the cleaning sheets having a front edge portion and a rear edge portion that are disposed at least partially on the upper surface of the mop head when the refill is disposed thereon, the front edge portions of each of the cleaning sheets being bonded to each other and the rear edge portions of each of the cleaning sheets being bonded to each other to hold the cleaning sheets in the stacked configuration; and

each of the cleaning sheets ~~comprises~~ comprising a backing layer that is coextensive with the base layer and a cleaning layer that is not coextensive with the base layer such that the backing layer of each of the cleaning sheets extends beyond the cleaning layer to define the front and rear edge portions which are bonded to each other.

16. (Currently Amended) The refill according to claim 15, wherein the ~~base~~ backing layer of each of the cleaning sheets comprises a moisture barrier layer and the cleaning layer of each of the cleaning sheets comprises a bibulous layer.

17. (Currently Amended) The refill according to claim 15, wherein the ~~base~~ backing layer of each of the cleaning sheets comprises a first non-woven material and the cleaning layer of each of the cleaning sheets comprises a second non-woven material.

18. (Original) The refill according to claim 17, wherein the first non-woven material is thinner and denser than the second non-woven material

19. (Currently Amended) The refill according to claim 15, wherein each of the ~~base~~ backing layers is perforated adjacent the front and rear edge portions such that an outermost sheet may be peeled away by separating the sheet at the perforations.

20. (Currently Amended) The refill according to claim 15, wherein each of the ~~base~~ backing layers has a weakened area adjacent the front and rear edge portions such that an outermost sheet may be peeled away by separating the sheet at the weakened areas.

21. (Original) The refill according to claim 1, wherein a portion of each of the cleaning sheets is coated with adhesive to facilitate retention of debris.

22. (Currently Amended) ~~The refill according to claim 21, wherein~~
A refill for a mop of the type having a mop head with a lower surface and an opposed upper surface interconnected by a leading and a trailing edge, the mop head having gripping means provided on the upper surface for retaining a cleaning sheet on the mop head, the refill comprising:
a base layer having a front edge and an opposed rear edge with a midportion therebetween, the base layer configured to be wrapped about the mop head with the midportion adjacent the lower surface of the mop head and the front and rear edges wrapping onto the upper surface of the mop head so as to be retained by the gripping means; and
a plurality of cleaning sheets, each removably supported on the midportion of the base layer in a stacked configuration, each of the sheets having an outward face for cleaning and an opposed inward face, the outward face of each of the sheets configured for contacting a

surface to be cleaned and thereby becoming soiled, whereby when the outward face of the outermost sheet becomes soiled, the sheet may be peeled away to exposed a non-soiled sheet;

a portion of each of the cleaning sheets being coated with adhesive to facilitate retention of debris, the adhesive coated portions ~~are~~ being portions adjacent the leading and trailing edges of the mop head when the refill is disposed thereon, and the portions of the cleaning sheets disposed on the lower surface of the mop head when the refill is disposed thereon ~~are~~ not being adhesive coated.

23. (Original) The refill according to claim 1, wherein each of the cleaning sheets is statically charged to facilitate retention of debris.

24. (Original) The refill according to claim 1, wherein each of the cleaning sheets is formed of a material that develops a static charge when passed over a surface to be cleaned.

25. (Currently Amended) A refill for a cleaning implement of the type having a head with a lower surface and an upper surface, the upper surface having gripping means thereon, the refill comprising:

a plurality of coextensive cleaning sheets disposed in a stacked configuration, each cleaning sheet comprising a cleaning layer having an outward face for cleaning and an opposed inward face, the outward face of each of the cleaning layers configured to contact a surface to be cleaned and thereby become soiled;

each cleaning sheet having a front edge portion and an opposed rear edge portion with a midportion defined therebetween, the front edge portions of each of the cleaning sheets being bonded to each other and the rear edge portions of each of the cleaning sheets being bonded to each other so as to retain the cleaning sheets in the stacked configuration, the midportions not being bonded to each other;

the stack of cleaning sheets configured to be wrapped about the head of the cleaning implement such that the bonded front edge portions and rear edge portions engage the gripping means on the upper surface of the cleaning implement head and the midportions of

each of the cleaning sheets is disposed on the lower surface of the cleaning implement head;
and

a portion of each of the cleaning sheets being separable from the stack of cleaning sheets without releasing the refill or the individual cleaning sheet from the ~~gripping~~ gripping means, such that when the outermost sheet becomes soiled, the separable portion of the sheet may be peeled away to expose a portion of a non-soiled sheet.

26. (Currently Amended) ~~The refill according to claim 25, wherein~~

A refill for a cleaning implement of the type having a head with a lower surface and an upper surface, the upper surface having gripping means thereon, the refill comprising:

a plurality of coextensive cleaning sheets disposed in a stacked configuration, each cleaning sheet comprising a cleaning layer having an outward face for cleaning and an opposed inward face, the outward face of each of the cleaning layers configured to contact a surface to be cleaned and thereby become soiled;

each cleaning sheet having a front edge portion and an opposed rear edge portion with a midportion defined therebetween, the front edge portions of each of the cleaning sheets being bonded to each other and the rear edge portions of each of the cleaning sheets being bonded to each other so as to retain the cleaning sheets in the stacked configuration;

the stack of cleaning sheets configured to be wrapped about the head of the cleaning implement such that the bonded front edge portions and rear edge portions engage the gripping means on the upper surface of the cleaning implement head and the midportions of each of the cleaning sheets is disposed on the lower surface of the cleaning implement head;
and

each of the cleaning sheets is being perforated between the front edge portion and the midportion and between the rear edge portion and the midportion such that ~~the separable portion of each of the cleaning sheets comprises~~ the midportion is separable from the stack of cleaning sheets and the separable portion is peeled away by separating the sheet at the perforations without releasing the refill or the individual cleaning sheet from the gripping means, such that when the outermost sheet becomes soiled, the midportion of the sheet may be peeled away to expose a portion of a non-soiled sheet.

27. (Currently Amended) ~~The refill according to claim 25, wherein~~

A refill for a cleaning implement of the type having a head with a lower surface and an upper surface, the upper surface having gripping means thereon, the refill comprising:

a plurality of coextensive cleaning sheets disposed in a stacked configuration, each cleaning sheet comprising a cleaning layer having an outward face for cleaning and an opposed inward face, the outward face of each of the cleaning layers configured to contact a surface to be cleaned and thereby become soiled;

each cleaning sheet having a front edge portion and an opposed rear edge portion with a midportion defined therebetween, the front edge portions of each of the cleaning sheets being bonded to each other and the rear edge portions of each of the cleaning sheets being bonded to each other so as to retain the cleaning sheets in the stacked configuration;

the stack of cleaning sheets configured to be wrapped about the head of the cleaning implement such that the bonded front edge portions and rear edge portions engage the gripping means on the upper surface of the cleaning implement head and the midportions of each of the cleaning sheets is disposed on the lower surface of the cleaning implement head; and

each of the cleaning sheets ~~has~~ having a weakened area between the front edge portion and the midportion and another weakened area between the rear edge portion and the midportion such that the ~~separable portion of each of the cleaning sheets comprises the midportion is separable from the stack of cleaning sheets and the separable portion is peeled away~~ by separating the sheet at the weakened areas without releasing the refill or the individual cleaning sheet from the gripping means, such that when the outermost sheet becomes soiled, the midportion of the sheet may be peeled away to expose a portion of a non-soiled sheet.

28. (Original) The refill according to claim 25, wherein each cleaning layer comprises a non-woven material.

29. (Currently Amended) ~~The refill according to claim 25, wherein~~

A refill for a cleaning implement of the type having a head with a lower surface and an upper surface, the upper surface having gripping means thereon, the refill comprising:

a plurality of coextensive cleaning sheets disposed in a stacked configuration, each cleaning sheet further comprises comprising a backing layer, and a the cleaning layer being attached to the backing layer such that the cleaning layer defines an outward face of the cleaning sheet and the backing layer defines an inward face of the cleaning sheet, the outward face of each of the cleaning sheets configured to contact a surface to be cleaned and thereby become soiled;

each cleaning sheet having a front edge portion and an opposed rear edge portion with a midportion defined therebetween, the front edge portions of each of the cleaning sheets being bonded to each other and the rear edge portions of each of the cleaning sheets being bonded to each other so as to retain the cleaning sheets in the stacked configuration;

the stack of cleaning sheets configured to be wrapped about the head of the cleaning implement such that the bonded front edge portions and rear edge portions engage the gripping means on the upper surface of the cleaning implement head and the midportions of each of the cleaning sheets is disposed on the lower surface of the cleaning implement head; and

a portion of each of the cleaning sheets being separable from the stack of cleaning sheets without releasing the refill or the individual cleaning sheet from the gripping means, such that when the outermost sheet becomes soiled, the separable portion of the sheet may be peeled away to expose a portion of a non-soiled sheet.

30. (Currently Amended) ~~The refill according to claim 29, wherein~~

A refill for a cleaning implement of the type having a head with a lower surface and an upper surface, the upper surface having gripping means thereon, the refill comprising:

a plurality of coextensive cleaning sheets disposed in a stacked configuration, each cleaning sheet comprising a backing layer and a cleaning layer attached to the backing layer such that the cleaning layer defines an outward face of the cleaning sheet and the backing layer defines an inward face of the cleaning sheet, the outward face of each of the cleaning sheets configured to contact a surface to be cleaned and thereby become soiled;

each cleaning sheet having a front edge portion and an opposed rear edge portion with a midportion defined therebetween, the front edge portions of each of the cleaning sheets being bonded to each other and the rear edge portions of each of the cleaning sheets being bonded to each other so as to retain the cleaning sheets in the stacked configuration, the backing layers are of each cleaning sheet being larger than the cleaning layers such that portions of each of the backing layers project forwardly and rearwardly beyond the cleaning layer to define a front and rear margin, the front margins being bonded to each other to form the bonded front edge portions and the rear margins being bonded to each other to form the bonded rear edge portions;

the stack of cleaning sheets configured to be wrapped about the head of the cleaning implement such that the bonded front edge portions and rear edge portions engage the gripping means on the upper surface of the cleaning implement head and the midportions of each of the cleaning sheets is disposed on the lower surface of the cleaning implement head;
and

a portion of each of the cleaning sheets being separable from the stack of cleaning sheets without releasing the refill or the individual cleaning sheet from the gripping means, such that when the outermost sheet becomes soiled, the separable portion of the sheet may be peeled away to expose a portion of a non-soiled sheet.

31. (Original) The refill according to claim 30, wherein the backing layer is plastic and the cleaning layer is a non-woven material.

32. (Original) The refill according to claim 30, wherein the backing layer is paper.

33. (Original) The refill according to claim 30, wherein each backing layer comprises a first non-woven material and each cleaning layer comprises a second non-woven material.

34. (Original) The refill according to claim 33, wherein the first and second non-woven materials are the same material.

35. (Original) The refill according to claim 33, wherein the first non-woven material is thinner than the second non-woven material.

36. (Original) The refill according to claim 33, wherein the first non-woven material is denser than the second non-woven material.

37. (Currently Amended) ~~The refill according to claim 25, wherein~~

A refill for a cleaning implement of the type having a head with a lower surface and an upper surface, the upper surface having gripping means thereon, the refill comprising:

a plurality of coextensive cleaning sheets disposed in a stacked configuration, each cleaning sheet comprising a cleaning layer having an outward face for cleaning and an opposed inward face, the outward face of each of the cleaning layers configured to contact a surface to be cleaned and thereby become soiled;

each cleaning sheet having a front edge portion and an opposed rear edge portion with a midportion defined therebetween, the midportion of each of the cleaning sheets ~~has~~ having a first thickness and the front and rear edge portions of each of the cleaning sheets ~~have~~ having a second thickness less than the first thickness, the front edge portions of each of the cleaning sheets being bonded to each other and the rear edge portions of each of the cleaning sheets being bonded to each other so as to retain the cleaning sheets in the stacked configuration;

the stack of cleaning sheets configured to be wrapped about the head of the cleaning implement such that the bonded front edge portions and rear edge portions engage the gripping means on the upper surface of the cleaning implement head and the midportions of each of the cleaning sheets is disposed on the lower surface of the cleaning implement head; and

a portion of each of the cleaning sheets being separable from the stack of cleaning sheets without releasing the refill or the individual cleaning sheet from the gripping means, such that when the outermost sheet becomes soiled, the separable portion of the sheet may be peeled away to expose a portion of a non-soiled sheet.

38. (Original) The refill according to claim 37, wherein each of the cleaning sheets is a non-woven material.

39. (Currently Amended) ~~The refill according to claim 25, wherein~~

A refill for a cleaning implement of the type having a head with a lower surface and an upper surface, the upper surface having gripping means thereon, the refill comprising:

a plurality of coextensive cleaning sheets disposed in a stacked configuration, each cleaning sheet comprising a cleaning layer having an outward face for cleaning and an opposed inward face, the outward face of each of the cleaning layers configured to contact a surface to be cleaned and thereby become soiled;

each cleaning sheet having a front edge portion and an opposed rear edge portion with a midportion defined therebetween, the front edge portions of each of the cleaning sheets being bonded to each other and the rear edge portions of each of the cleaning sheets being bonded to each other so as to retain the cleaning sheets in the stacked configuration, the bonded front and rear edge portions ~~are~~ being compressed and sonically or heat bonded such that the overall thickness of the edge portions of the stack ~~is~~ are significantly reduced in comparison to the overall thickness of the midportion of the stack;

the stack of cleaning sheets configured to be wrapped about the head of the cleaning implement such that the bonded front edge portions and rear edge portions engage the gripping means on the upper surface of the cleaning implement head and the midportions of each of the cleaning sheets is disposed on the lower surface of the cleaning implement head; and

a portion of each of the cleaning sheets being separable from the stack of cleaning sheets without releasing the refill or the individual cleaning sheet from the gripping means, such that when the outermost sheet becomes soiled, the separable portion of the sheet may be peeled away to expose a portion of a non-soiled sheet.

40. (Original) The refill according to claim 39, wherein the overall thickness of the midportion is 3 or more times the overall thickness of the bonded portions.

41. (Original) The refill according to claim 39, wherein the overall thickness of the midportion is 6 or more times the overall thickness of the bonded portions.

42. (Original) The refill according to claim 39, wherein the overall thickness of the midportion is 8 or more times the overall thickness of the bonded portions.

43. (Currently Amended) The refill according to claim 25, wherein the gripping means on the mop head comprises tabs, the bonded front and rear edge portions having openings defined therein for receiving the tabs such that the refill is retained on the mop head.

44-73. Cancelled

74. (Original) A refill for a mop of the type having a mop head with a lower surface and an opposed upper surface interconnected by a leading and a trailing edge, the mop head having gripping means provided on the upper surface for retaining a cleaning sheet on the mop head, the refill comprising:

a plurality of cleaning sheets each having a front edge portion, a rear edge portion, and a midportion therebetween, the midportion having a bottom face comprising a cleaning layer, the edge portions having a thickness less than the midportion;

the front edge portions of the cleaning sheets being bonded together to form a front connection area; and

the rear edge portions of the cleaning sheets being bonded together to form a rear connection area.

75. (Original) The refill according to claim 74, wherein the plurality of cleaning sheets comprises at least 5 sheets and the front and rear connection areas have a thickness less than 1/4 inch.

76. (Original) The refill according to claim 74, wherein the plurality of cleaning sheets have an thickness in the midportion of 1/2 inch or more and the front and rear connection areas have an overall thickness less than 1/4 inch.

77. (Original) The refill according to claim 76, wherein the overall thickness of the front and rear connection areas is less than 1/8 inch.

78. (Original) The refill according to claim 74, wherein the plurality of cleaning sheets has an overall thickness in the midportion that is at least three times the overall thickness of the front and rear connection areas.

79. (Original) The refill according to claim 74, wherein the plurality of cleaning sheets has an overall thickness in the midportion that is at least six times the overall thickness of the front and rear connection areas.

80. (Original) The refill according to claim 74, wherein the plurality of cleaning sheets has an overall thickness in the midportion that is at least eight times the overall thickness of the front and rear connection areas.